In the United States Patent and Trademark Office

In re Application of:
Perlman
Serial No.: 10/010,689 Group Art Unit: 1714
Filed: 11/08/2001 Atty Docket 0773442-4701
For: Freestanding plastic container for controlled combustion of alcohol-based lighter fluid Examiner: Toomer, C.

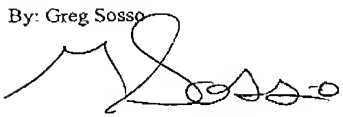
Affidavit of Airlite Plastics Co

I, Greg Sosso, do hereby declare, under pains and penalties of perjury, as follows:

1. I am employed by Airlite Plastics, Inc. of Omaha, Nebraska ("Airlite"), in the function of VP Sales and Marketing.
2. I am over the age of 21 years, and am knowledgeable about the matters contained herein.
3. Airlite provided Dr. Daniel Perlman, of Brandeis University, with injection-molded food containers molded from a blend of Amoco 7934 PP and Dow Affinity SM1300. Product Data Sheets attached.

Signed on 11-20-2003

By: Greg Sosso



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Serial No.: 10/010,689 Group Art Unit: 1714
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For: Freestanding plastic container for controlled combustion of alcohol-based lighter fluid Examiner: Toomer, C.

Affidavit of Dr. Daniel Perlman - 35 CFR 1.132

I am the inventor of the above-referenced invention, and I hereby declare, under pains and penalties of perjury, as follows:

1. In the tests performed and recited in the Specification of said invention I tested containers number 451 and S651 from Airlite Plastics Company (See Enclosed catalog, attached hereto as Exhibit A), fabricated entirely from resin 7934 (BP Amoco) and polyolefin plastomer Affinity SM 1300 (Dow).
2. The advantage of the present invention over cited JP 62-20594 includes the absence of metallic salt residues after burning, such as barium carbonate, which are undesirable environmental contaminants.
3. An additional advantage of the present invention over cited JP 62-20594 includes the substantially lower cost of the use of mass-produced food containers for this application in comparison to containers made from heavily-loaded-inorganic-material-containing resins.

Signed on November 18, 2003
by

Dr. Daniel Perlman

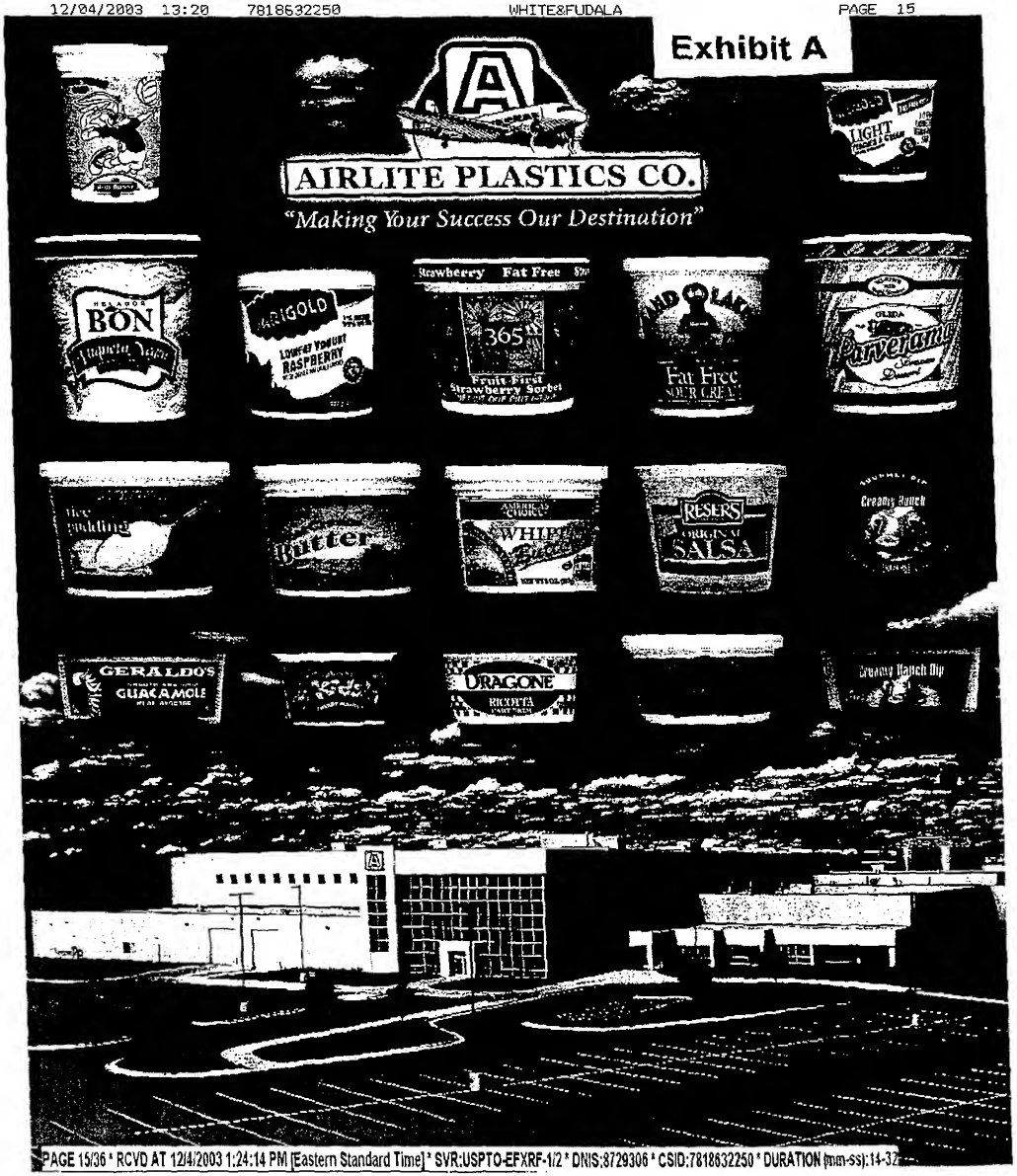


Exhibit A
AIRLITE PLASTICS CO.
"Making Your Success Our Destination"
BON
MARIGOLD
Strawberry Fat Free
365
Fat Free
Parveramu
Butter
RESER'S
SALSA
GERALDO'S
GUACAMOLE
DRAGONE
RICOTTA
Creamy Ranch Dip

POLYPROPYLENE

51 SERIES

POLYETHYLENE

HDPE

41 SERIES

WARRANTIES AND DISCLAIMERS: Airlite Plastics Co. only warrants that it will convey good title to the goods and that the goods sold hereunder shall be suitable for food contact service and shall conform to the Federal Food, Drug and Cosmetic Act, as amended, and to all applicable regulations thereunder. All products are sold with the understanding that before placing an order the buyer will examine and test samples of the product to be furnished by Airlite Plastics Co. and determine for themselves whether they meet the requirements of the buyer. Airlite Plastics Co. products are warranted to be free from defects in material and workmanship at the time sold by Airlite Plastics Co. but the obligation under this warranty is limited solely to the replacement of product. Under no circumstances is Airlite Plastics Co. liable for loss, damage, expense or consequential damages arising out of the use of or the inability to use Airlite Plastics Co. products. The buyer accepts the goods solely on the basis of the warranties hereinabove expressed. All litigation arising out of this agreement shall be conducted in the [illegible] Court of Douglas County, Nebraska.

CLAIMS: Damage in transit is the responsibility of the carrier and claims should be filed immediately. No merchandise may be returned without authorization in writing from Omaha headquarters. Orders are subject to acceptance or rejection [illegible]. All returns are subject to [illegible] handling charge.

All materials processed are approved by the FDA. [illegible]

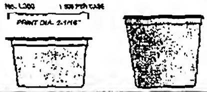
[illegible]

MINIMUM ORDER $1000.00

REVISION: E 9/02

300 Diameter

No. L300 1,500 PER CASE — PRINT DIA. 2-1/16"



No. T451 — 4 Oz. SIZE, 4.1 FL.OZ., 121 ML., 2.990" WIDE, 1.900" TALL, 2,240 PER CASE, WHITE OR NATURAL, 14.2 lbs. CASE WEIGHT, 12.8 lbs. PER/M, 7-3/4" X 1" PRINT AREA (PP)

No. T851 — 8 Oz. SIZE, 8.0 FL.OZ., 237 ML., 2.990" WIDE, 2.930" TALL, 1,400 PER CASE, WHITE OR NATURAL, 16.8 lbs. CASE WEIGHT, 11.7 lbs. PER/M, 8" X 2-1/8" PRINT AREA (PP)

303 Diameter

No. L303R 2,250 PER CASE — PRINT DIA. 2-3/16"

No. L303 1,400 PER CASE — PRINT DIA. 2-3/16"

No. C451 — 4 Oz. SIZE, 4.9 FL.OZ., 145 ML., 3.150" WIDE, 2.000" TALL, 2,100 PER CASE, WHITE, 31.5 lbs. CASE WEIGHT, 15.00 lbs. PER/M, 7-1/2" X 1-1/2" PRINT AREA (PP)

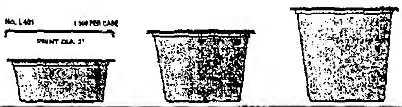
No. Y651 — 6 Oz. SIZE, 7.1 FL.OZ., 210 ML., 3.160" WIDE, 2.400" TALL, 2,070 PER CASE, WHITE, 33 lbs. CASE WEIGHT, 16 lbs. PER/M, 7-5/8" X 2-3/16" PRINT AREA (PP)

No. Y751 — 6 Oz. SIZE, 7.5 FL.OZ., 222 ML., 3.160" WIDE, 2.750" TALL, 2,100 PER CASE, WHITE, 33 lbs. CASE WEIGHT, 16 lbs. PER/M, 7-5/8" X 2-3/16" PRINT AREA (PP)

No. Y851 — 8 Oz. SIZE, 8.0 FL.OZ., 250 ML., 3.160" WIDE, 3.282" TALL, 1,520 PER CASE, WHITE, 21.2 lbs. CASE WEIGHT, 11.2 lbs. PER/M, 8" X 2-3/4" PRINT AREA (PP)

401 Diameter

No. L401 1,500 PER CASE — PRINT DIA. 3"



No. S951 — 8 Oz. SIZE, 7.8 FL.OZ., 231 ML., 4.087" WIDE, 1.752" TALL, 1,900 PER CASE, WHITE, 29.2 lbs. CASE WEIGHT, 23.30 lbs. PER/M, 8-7/8" X 1-1/4" PRINT AREA (PP)

No. S1151 — 12 Oz. SIZE, 12.6 FL.OZ., 370 ML., 4.087" WIDE, 2.814" TALL, 1,200 PER CASE, WHITE, 26.2 lbs. CASE WEIGHT, 20.80 lbs. PER/M, 9-7/8" X 3-5/16" PRINT AREA (PP)

No. G1651 — 16 Oz. SIZE, 12.6 FL.OZ., 375 ML., 4.087" WIDE, 2.814" TALL, 900 PER CASE, WHITE, 33.8 lbs. CASE WEIGHT, 39.2 lbs. PER/M, 10-1/4" X 3-1/4" PRINT AREA (PP)

408 Diameter

No. L408R 1,300 PER CASE — PRINT DIA. 3-3/8"

No. L408N 1,300 PER CASE — PRINT DIA. 3-3/8"

No. L408 1,800 PER CASE — PRINT DIA. 3-3/8"

No. Z851 — 8 Oz. SIZE, 10.8 FL.OZ., 320 ML., 4.500" WIDE, 1.590" TALL, 1,200 PER CASE, WHITE OR NATURAL, 28.0 lbs. CASE WEIGHT, 23.30 lbs. PER/M, 12-3/4" X 1-5/16" PRINT AREA (PP)

No. Z1251 — 12 Oz. SIZE, 14.7 FL.OZ., 435 ML., 4.500" WIDE, 2.178" TALL, 1,000 PER CASE, WHITE OR NATURAL, 26.9 lbs. CASE WEIGHT, 26.90 lbs. PER/M, 12-5/16" X 1-1/2" PRINT AREA

410 Diameter

No. L410RA 1,200 PER CASE — PRINT DIA. 3-5/8"

No. LS410 900 PER CASE — PRINT DIA. 3-5/8", SKIRT 14-5/8" X 3/4"

No. L410 1,400 PER CASE — PRINT DIA. 3-5/8"

No. S651 — 8 Oz. SIZE, 8.6 FL.OZ., 260 ML., 4.601" WIDE, 1.202" TALL, 1,200 PER CASE, WHITE OR NATURAL, 28.4 lbs. CASE WEIGHT, 23.60 lbs. PER/M, 12-3/8" X 7/8" PRINT AREA (PP)

No. S741 — 7 Oz. SIZE, 13.0 FL.OZ., 385 ML., 4.860" WIDE, 1.644" TALL, 1,900 PER CASE, WHITE, 29.3 lbs. CASE WEIGHT, 21.5 lbs. PER/M, 12-3/8" X 7/8" PRINT AREA (HDPE)

No. S751A — 7 Oz. SIZE, 8.2 FL.OZ., 201 ML., 4.600" WIDE, 1.410" TALL, 1,200 PER CASE, WHITE OR NATURAL, 28.8 lbs. CASE WEIGHT, 23.60 lbs. PER/M, 15-3/4" X 7/8" PRINT AREA (PP)

No. S851A — 8 Oz. SIZE, 11.0 FL.OZ., 329 ML., 4.660" WIDE, 1.500" TALL, 1,200 PER CASE, WHITE OR NATURAL, 32 lbs. CASE WEIGHT, 26.5 lbs. PER/M, 12-3/4" X 1" PRINT AREA (PP)

No. X851 — 8 Oz. SIZE, 11.8 FL.OZ., 335 ML., 4.660" WIDE, 1.884" TALL, 1,400 PER CASE, WHITE OR NATURAL, 35.9 lbs. CASE WEIGHT, 25.7 lbs. PER/M, 13-3/4" X 3/4" PRINT AREA (PP)

515 Diameter

No. LS15 300 PER CASE — PRINT DIA. 4-5/8", SKIRT 14-5/8" X 3/8"

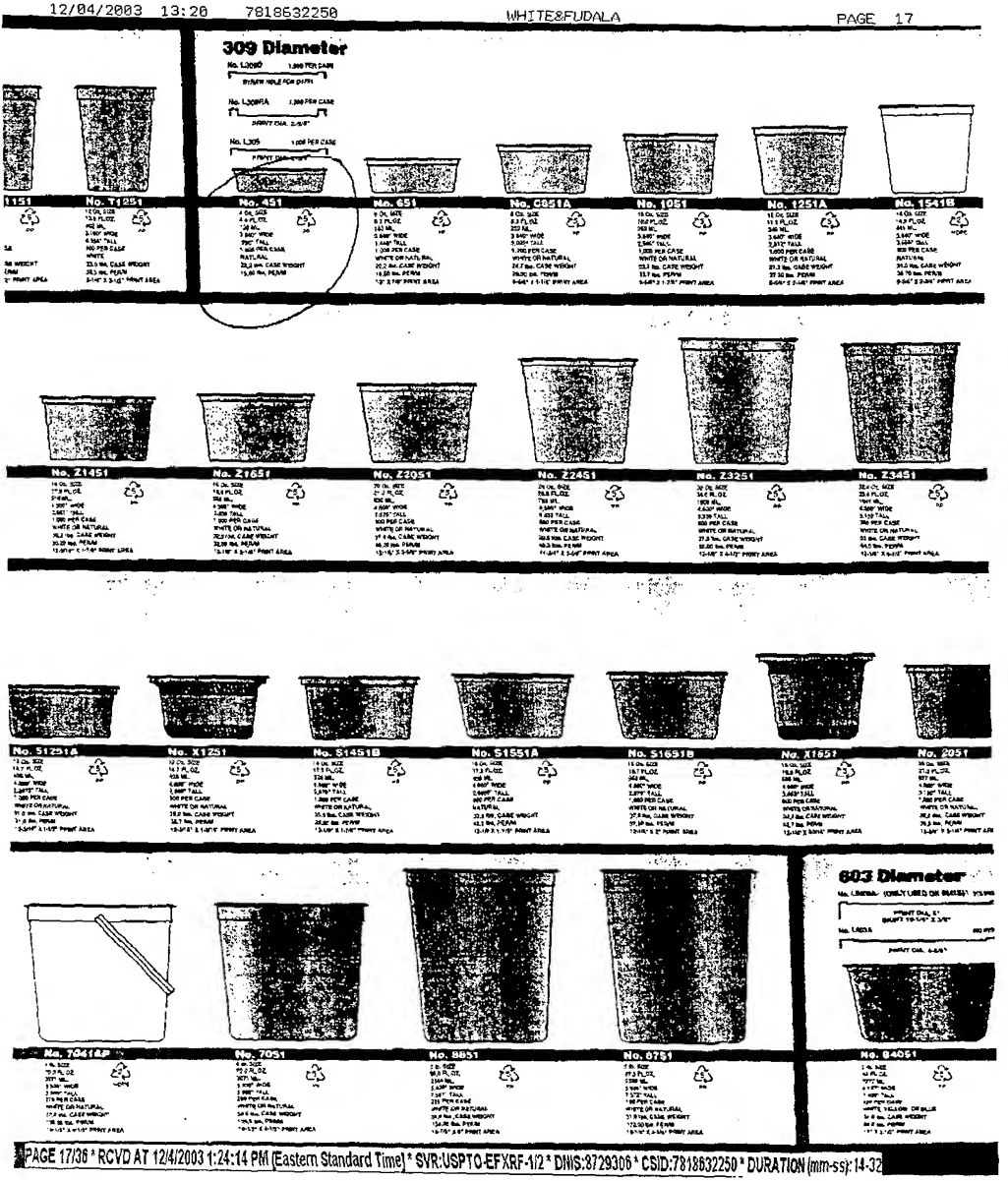
No. L515N 500 PER CASE — PRINT DIA. 4-5/8"

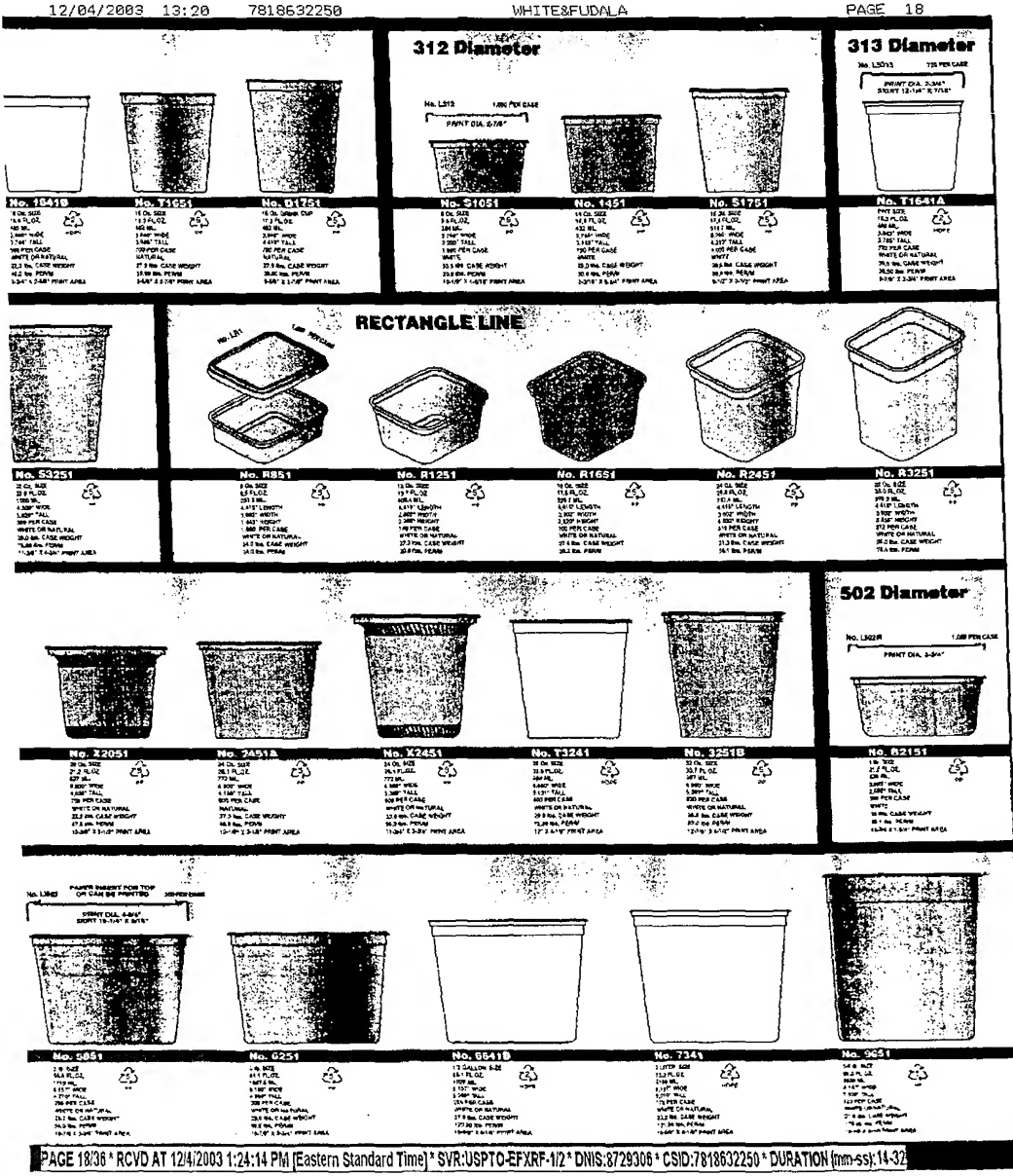
No. 3751 — 3 lb. SIZE, 37.8 FL.OZ., 1,080 ML., 5.330" WIDE, 3.014" TALL, 420 PER CASE, WHITE OR NATURAL, 29.4 lbs. CASE WEIGHT, 72.9 lbs. PER/M, 16-3/4" X 2" PRINT AREA (PP)

No. 5051 — 3 lb. SIZE, 50.3 FL.OZ., 1,488 ML., 5.847" WIDE, 4.390" TALL, 300 PER CASE, WHITE OR NATURAL, 31.5 lbs. CASE WEIGHT, 80.0 lbs. PER/M, 16-1/8" X 3-1/8" PRINT AREA (PP)

No. 5141AP — 3 lb. SIZE, 60.5 FL.OZ., 1,562 ML., 5.820" WIDE, 4.351" TALL, 300 PER CASE, WHITE OR NATURAL, 32.0 lbs. CASE WEIGHT, 106.70 lbs. PER/M, 16-1/8" X 3" PRINT AREA (HDPE)

No. 5451 — [illegible] SIZE, [illegible] FL.OZ., 475 ML., [illegible] WIDE, [illegible] TALL, [illegible] PER CASE, WHITE, [illegible] lbs. CASE WEIGHT, [illegible] lbs. PER/M, [illegible] PRINT AREA (PP)


309 Diameter
No. L309
No. L309RA
No. L305
No. 1151
No. X1251
No. 451
No. 651
No. C851A
No. 1051
No. 1251A
No. 1541B
No. Z1451
No. Z1651
No. Z2051
No. Z2451
No. Z3251
No. Z3451
No. S1251A
No. X1251
No. S1451B
No. S1551A
No. S1651B
No. X1651
No. 2051
No. 7041AP
No. 7051
No. 8851
No. 8751
603 Diameter
No. L603A
No. 8405T


312 Diameter
313 Diameter
RECTANGLE LINE
502 Diameter

610 Diameter

No. L5610 — 252 PER CASE — PRINT DIA. 6-9/16"

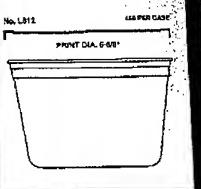
No. L610 — 420 PER CASE — PRINT DIA. 5-9/16"

No. 6451
12 GALLON SIZE
14.9 FL.OZ.
1652 ML.
6.625" WIDE
4.750" TALL
378 PER CASE
WHITE OR NATURAL
22.4 lbs. CASE WEIGHT
166.20 lbs. PERM
19-1/2" X 3-1/2" PRINT AREA

No. 6751
12 GALLON SIZE
63.3 FL.OZ.
2627 ML.
8.650" WIDE
6.650" TALL
144 PER CASE
WHITE OR NATURAL
31.0 lbs. CASE WEIGHT
133.05 lbs. PERM
28" X 3-7/8" PRINT AREA

No. 8451
8 FL.OZS.
63.3 FL.OZ.
2451 ML.
8.650" WIDE
5.150" TALL
200 PER CASE
WHITE OR NATURAL
29.0 lbs. CASE WEIGHT
132.90 lbs. PERM
19-1/4" X 4-1/2" PRINT AREA

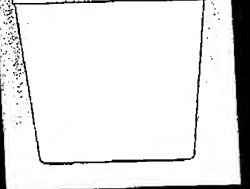
612 Diameter



No. L612 — 448 PER CASE — PRINT DIA. 6-5/8"

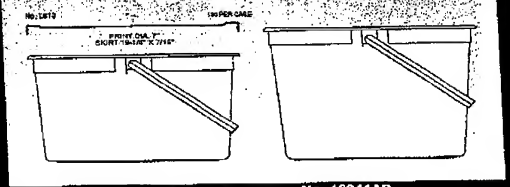
No. 7141
12 GALLON SIZE
73.0 FL.OZ.
2160 ML.
8.738" WIDE
6.094" TALL
224 PER CASE
WHITE OR NATURAL
31.2 lbs. CASE WEIGHT
166.10 lbs. PERM
19-3/8" X 5-1/2" PRINT AREA

804 Diameter



No. 17041A
16 In. SIZE
174.0 FL.OZ.
5148 ML.
8.250" WIDE
8.000" TALL
112 PER CASE
WHITE OR NATURAL
34.8 lbs. CASE WEIGHT
136.34 lbs. PERM
22-5/8" X 9-1/2" PRINT AREA

810 Diameter

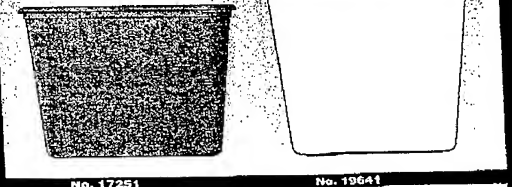


No. L810 — 180 PER CASE — PRINT DIA. 7" SKIRT 19-1/8" X 7/16"

No. 12941AP
4 QUART SIZE
128.0 FL.OZ.
3787 ML.
8.500" WIDE
8.875" TALL
136 PER CASE
WHITE OR NATURAL
34.0 lbs. CASE WEIGHT
283.20 lbs. PERM
23-5/8" X 2" PRINT AREA

No. 16041AP
6 QUART SIZE
161.2 FL.OZ.
4767 ML.
8.500" WIDE
9.250" TALL
108 PER CASE
WHITE OR NATURAL
39.2 lbs. CASE WEIGHT
261.66 lbs. PERM
25-3/8" X 1" PRINT AREA

811 Diameter

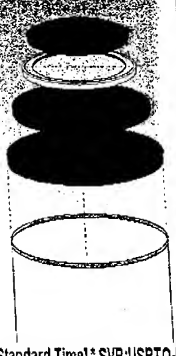


No. L811R — 180 PER CASE — PRINT DIA. 7"

No. 17251
17 In. SIZE
178.0 FL.OZ.
5267 ML.
8.417" WIDE
7.094" TALL
112 PER CASE
WHITE OR NATURAL
41.3 lbs. CASE WEIGHT
236.8 lbs. PERM
23-5/8" X 5-1/2" PRINT AREA

No. 19641
19 In. SIZE
198.8 FL.OZ.
5880 ML.
8.625" WIDE
8.250" TALL
120 PER CASE
WHITE OR NATURAL
39.8 lbs. CASE WEIGHT
287.76 lbs. PERM
23-5/8" X 7" PRINT AREA

LID OVERCAPS FOR METAL & COMPOSITE CANS



No. L2270 — 2,100 PER CASE — PRINT DIA. 3-3/4"

No. L307C — 1,500 PER CASE — PRINT DIA. 3-5/8"

No. L307M — 1500 PER CASE — PRINT DIA. 3-5/8"

No. L401M — 1,775 PER CASE — PRINT DIA. 3"

No. L401CE — 1,275 PER CASE — PRINT DIA. 3"

No. L502M — 1,600 PER CASE — PRINT DIA. 3-5/8"

No. L502C — 1,000 PER CASE — PRINT DIA. 3-5/8"

No. L603A — 900 PER CASE

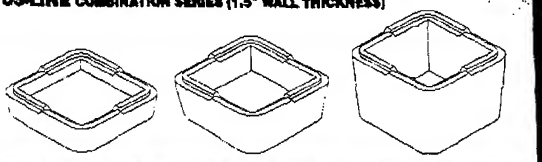
Thank you for taking an interest in Airlite Plastics Co. Airlite Plastics Co. provides superior quality & product service that advances your business and makes your product stand out in the packaging. If you do not see what you need in our standard offerings, please contact us to discuss a custom package to meet your

AIRLITE PLASTICS CO.

"Making Your Success Our Destination"

6110 Abbott Drive, Omaha, NE 68110-2205
P.O. Box 1649 Omaha, NE 68101-1649
Phone: (402) 341-7300 • (800) 228-9545 • Fax: (402) 346-2509

CS-LINE COMBINATION SERIES (1.5" WALL THICKNESS)

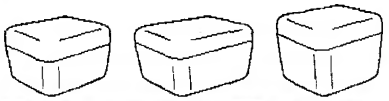


Stock #CS1-180	Stock #CS2-108	Stock #CS3-60
13.00" OUTSIDE • 10.50" INSIDE LENGTH 13.00" OUTSIDE • 10.50" INSIDE WIDTH 5.63" OUTSIDE • 2.13" INSIDE HEIGHT 180 PER TRAY PACK	13.00" OUTSIDE • 10.50" INSIDE LENGTH 13.00" OUTSIDE • 10.50" INSIDE WIDTH 3.88" OUTSIDE • 4.38" INSIDE HEIGHT 108 PER TRAY PACK	13.00" OUTSIDE • 10.50" INSIDE LENGTH 13.00" OUTSIDE • 10.50" INSIDE WIDTH 5.88" OUTSIDE • 6.38" INSIDE HEIGHT 60 PER TRAY PACK

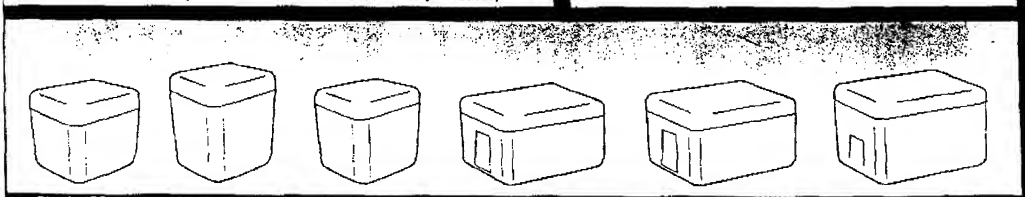
These are designed to be nested and matched together to make six different size containers. Inside and outside height dimensions are per each half.

S-LINE 1.5" THICK WALL FOAM CHESTS

* EXTENDED LID AVAILABLE TO INCREASE INSIDE HEIGHT.

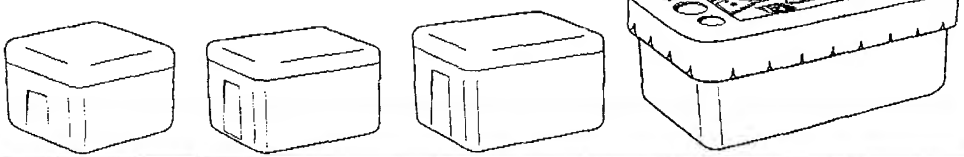


* Stock #S4	Stock #S5	* Stock #S6
11.25" OUTSIDE • 7.88" INSIDE LENGTH 9.13" OUTSIDE • 5.77" INSIDE WIDTH 7.25" OUTSIDE • 4.75" INSIDE HEIGHT 1 PER BOX 126 PER TRAY PACK	11.75" OUTSIDE • 8.75" INSIDE LENGTH 10.63" OUTSIDE • 7.50" INSIDE WIDTH 8.00" OUTSIDE • 6.00" INSIDE HEIGHT 1 PER BOX 99 PER TRAY PACK	11.00" OUTSIDE • 7.63" INSIDE LENGTH 9.13" OUTSIDE • 5.77" INSIDE WIDTH 10.13" OUTSIDE • 7.50" INSIDE HEIGHT 1 PER BOX 105 PER TRAY PACK



Stock #S9	* Stock #S11	Stock #S13	Stock #S16	Stock #S17	* Stock #S20
11.25" OUTSIDE • 8.75" INSIDE LENGTH 10.88" OUTSIDE • 7.50" INSIDE WIDTH 14.88" OUTSIDE • 11.88" INSIDE HEIGHT 1 PER BOX 78 PER TRAY PACK	11.38" OUTSIDE • 7.50" INSIDE LENGTH 9.13" OUTSIDE • 5.77" INSIDE WIDTH 5.13" OUTSIDE • 3.13" INSIDE HEIGHT 1 PER BOX 99 PER TRAY PACK	13.75" OUTSIDE • 8.75" INSIDE LENGTH 10.63" OUTSIDE • 7.50" INSIDE WIDTH 12.38" OUTSIDE • 9.50" INSIDE HEIGHT 1 PER BOX 56 PER TRAY PACK	15.50" OUTSIDE • 13.31" INSIDE LENGTH 14.25" OUTSIDE • 11.94" INSIDE WIDTH 11.88" OUTSIDE • 8.63" INSIDE HEIGHT 1 PER BOX 72 PER TRAY PACK	15.50" OUTSIDE • 13.31" INSIDE LENGTH 14.25" OUTSIDE • 11.94" INSIDE WIDTH 10.38" OUTSIDE • 7.50" INSIDE HEIGHT 1 PER BOX 63 PER TRAY PACK	17.25" OUTSIDE • 14.06" INSIDE LENGTH 13.81" OUTSIDE • 10.38" INSIDE WIDTH 13.81" OUTSIDE • 9.50" INSIDE HEIGHT 1 PER BOX 56 PER TRAY PACK

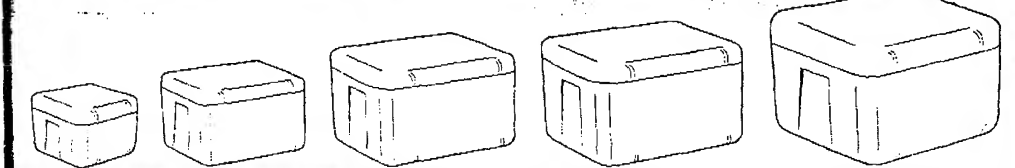
EXPANDED POLYSTYRENE



Stock #S21	Stock #S39	* Stock #S52	Stock #S96
15.38" OUTSIDE • 12.38" INSIDE LENGTH 15.88" OUTSIDE • 13.25" INSIDE WIDTH 8.88" OUTSIDE • 13.25" INSIDE HEIGHT 1 PER BOX 48 PER TRAY PACK	20.00" OUTSIDE • 15.48" INSIDE LENGTH 15.00" OUTSIDE • 11.99" INSIDE WIDTH 15.63" OUTSIDE • 11.50" INSIDE HEIGHT 1 PER BOX 28 PER TRAY PACK	23.38" OUTSIDE • 19.25" INSIDE LENGTH 11.88" OUTSIDE • 13.31" INSIDE WIDTH 12.38" OUTSIDE • 12.88" INSIDE HEIGHT 1 PER BOX 1 PER CASE 25 PER TRAY PACK	26.88" OUTSIDE • 20.75" INSIDE LENGTH 15.25" OUTSIDE • 11.81" INSIDE WIDTH 14.88" OUTSIDE • 11.38" INSIDE HEIGHT 1 PER BOX 8 PER TRAY PACK

FREEZE CHESTS CAN BE PACKED ONE PER CORRUGATE BOX OR IN MULTIPLE CASE & TRAY PACKS.
MULTIPLE PACKED CHESTS ARE NOT INDIVIDUALLY BOXED.
TED AVAILABLE 4 PER CASE
AVAILABLE WITH PLAIN OR EMBOSSED LIDS

T-LINE [illegible] THICK WALL POLYETHYLENE CHESTS



Stock #T10	Stock #T20	Stock #T50	Stock #T100	Stock #T120
13.88" OUTSIDE • 10.00" INSIDE LENGTH 8.88" OUTSIDE • 8.00" INSIDE WIDTH	14.38" OUTSIDE • 11.38" INSIDE LENGTH 12.88" OUTSIDE • 9.50" INSIDE WIDTH	23.75" OUTSIDE • 19.50" INSIDE LENGTH 16.13" OUTSIDE • 12.00" INSIDE WIDTH 16.13" OUTSIDE • 13.50" INSIDE HEIGHT	36.00" OUTSIDE • 30.00" INSIDE LENGTH 19.00" OUTSIDE • 14.00" INSIDE WIDTH 15.00" OUTSIDE • 13.00" INSIDE HEIGHT	23.00" OUTSIDE • 20.00" INSIDE LENGTH 23.00" OUTSIDE • 17.00" INSIDE WIDTH 19.75" OUTSIDE • 16.00" INSIDE HEIGHT

In the United States Patent and Trademark Office

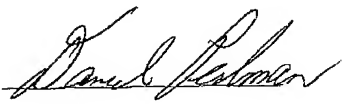
In re Application of:
Perlman
Serial No.: 10/010,689 Group Art Unit: 1714
Filed: 11/08/2001 Atty Docket 0773442-4701
For: Freestanding plastic container for controlled combustion of alcohol-based lighter fluid Examiner: Toomer, C.

Second Affidavit of Dr. Daniel Perlman - 35 CFR 1.132

I am the inventor of the above-referenced invention, and I hereby declare, under pains and penalties of perjury, as follows:

1. Exhibit B, attached hereto, is a letter which was received by US Postal Service mail, in response to my inquiry of BP Amoco by telephone and FAX on the subject of the purity and composition of their polypropylene homopolymer.
2. Exhibit D, attached hereto, is a product description which was mailed to me together with Exhibit B. It is also available on the Internet at :http://www.bpchemicals.com/polypropylene/pdf/7934.pdf.
3. Exhibit E, attached hereto, is a MSDS which was mailed to me via US Postal Service from Dow Chemical Company of Midland MI, in response to my telephone inquiry on the subject of the composition of their Affinity polyolefin product..
4. Exhibit C, attached hereto, is a product description which was obtained from Dow Plastics together with Exhibit E, and is available on the Internet at http://www.hspc.co.kr/products/affinity/datasheet/SM1300.pdf.

Signed on December 1, 2003

by 

Dr. Daniel Perlman

bp

Exhibit B

Product Stewardship
150 West Warrenville Road, MC 5A
Naperville, Illinois 60563-8460
United States

November 24, 2003

Daniel Perlman
Perlman Consulting
94 Oakland Av.
Arlington, MA 02476

Via Facsimile: 781-736-2478

RE: Presence of Inorganic Substances - BP Amoco Polypropylene Grade 10-7934

Dear Mr. Perlman:

Thank you for your interest in BP Amoco Polypropylene. Polypropylene Grade10-7934 is 99+% propylene homopolymer. In response to your question regarding the presence of inorganic materials, please be advised that this resin contains approximately 0.01% inorganic materials.

If you have further questions, please do not hesitate to contact me by telephone at 630-420-5102, by facsimile at 630-420-5375, or by e-mail at Barbara.Marsh@bp.com.

Sincerely,

Barbara A. Marsh

Barbara A. Marsh
Advisor, Product Registration

cc: David W. Harris, BP
Byron Pinion, BP

Injection Molding Resin

Exhibit C

Dow Plastics

AFFINITY* SM 1300

Polyolefin Plastomer for Injection Molding

- High clarity, durable injection molded parts
- Compression molded applications
- Excellent optics and flexibility
- Complies with U.S. FDA 21 CFR 177.1520 (c) 3.2c. Consult the regulations for complete details.

Slip Additive: 600 ppm

AFFINITY SM 1300 Polyolefin Plastomer (POP) for Injection Molding is produced via INSITE* Technology from Dow Plastics*. This is an ethylene alpha-olefin resin that offers excellent performance in durable injection molded industrial and consumer goods and compression molded closure liners or gaskets.

Physical Properties	Test Method	Values[1] English (SI)
Resin Properties		
Melt Index, g/10 min	ASTM D 1238	30.0
Density, g/cc	ASTM D 792	0.9020
DSC Melting Point, °F (°C)	Dow Method	208 (98)
Vicat Softening Point, °F (°C)	ASTM D 1525	174 (79)
Molded Part Properties[2]		
Tensile Yield[3], psi (MPa)	ASTM D 638	598 (5)
Ultimate Tensile[3], psi (MPa)	ASTM D 638	1326 (10)
Ultimate Elongation[3], %	ASTM D 638	624
Notched Izod Impact	ASTM D 256	
@ -50°C, ft-lbf/in. (J/m)		1 (68)
@ -20°C, ft-lbf/in. (J/m)		9 (487)
@ 0°C, ft-lbf/in. (J/m)		5 (252)
@ 23°C, ft-lbf/in. (J/m)		4 (212)
Flexural Modulus, psi (MPa)	ASTM D 790	10,280 (71)
Modulus, 2% Secant, psi (MPa)	ASTM D 790	10,280 (71)

Fabrication Conditions For Injection Molding:

- Molded using DEMAG 150
- Barrel Temperature[4]: 374°F (190°C)
- Chill Water Temperature: 55°F (13°C)
- Cycle Time: 20 seconds
- Fill Time: 1 second
- Hold Time: 5 seconds

(1) Typical values, not to be construed as specifications. Users should confirm results by their own tests.
(2) Testing performed on injection molded ASTM test specimens (0.125 in.). Properties will vary with changes in molding conditions.
(3) Crosshead speed 20 in./min.
(4) Recommend do not exceed 650°F (288°C) barrel temperature.

-See "Handling Considerations" attached

Published 08/01
Form No 305-02613-0801X

[redacted]

polypropylene

Exhibit D

Homopolymer 7934 Resin

Grade 7934 is a high flow rate, nucleated, antistatic homopolymer. This material is designed for high speed injection molding and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications
- Consumer products
- Housewares
- Medical components
- Thin-wall rigid packaging

Benefits
- High flow rate
- Fast cycle times
- Good molding performance in thin-walled parts
- Low static charge
- Improved toughness

Typical Properties*

Resin	Value	ASTM Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	35	D1238
Injection Molded Sample		
Tensile at 23°C		D638
Strength at Yield, psi (MPa)	5,400 (37)	
Elongation at Yield, %	8	
Elongation at Break, %	50	
Flexural Modulus, at 23°C, kpsi (MPa)	225 (1,550)	D790A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	250 (121)	D648
UL Recognition		
Relative Thermal Index, °C	65	
Flammability Classification	94HB	UL94

* Typical properties will vary within specification limits.

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an e-mail to: bpcares@bp.com.

Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained by calling +1-866-427-6737 (Toll Free-North America), or by sending an e-mail to: bpcares@bp.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by BP is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

For additional information, samples, pricing and availability, please contact:

BP Amoco Chemical Company
Sales Administration and Customer Service
150 West Warrenville Road
Naperville, Illinois 60563-8460
Toll-free: 877/701-2726
Fax: 630/961-7700
email: chem_americas@bp.com

PP-7934, August, 2001

Exhibit E

Material Safety Data Sheet

The Dow Chemical Company
Midland, Michigan 48674
Emergency 989 • 636-4400

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

24-Hour Emergency Phone Number: 989-636-4400

Product: AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN

Product Code: 44018

Effective Date: 08/28/02 Date Printed: 11/25/03 MSD: 002101

The Dow Chemical Company, Midland, MI 48674

Customer Information Center: 800-258-2436

2. COMPOSITION/INFORMATION ON INGREDIENTS

Copolymer of ethylene and octene-1 CAS# 026221-73-8 >99%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

****
* Translucent or white pellets or granules. Odorless. Slipping *
* hazard. *
****

POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological data.)

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action. Vapor may cause eye irritation experienced as mild discomfort and redness.

SKIN: Brief contact is essentially non-irritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns. No adverse effects anticipated by skin absorption.

INGESTION: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

(Continued on page 2)

Product: AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
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INHALATION: No adverse effects are anticipated from single exposure to dust. Vapors/fumes released during thermal processing may cause respiratory irritation.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

CANCER INFORMATION: No relevant information found.

TERATOLOGY (BIRTH DEFECTS): No relevant information found.

REPRODUCTIVE EFFECTS: No relevant information found.

4. FIRST AID

EYE: Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

SKIN: If molten material comes in contact with the skin, do not apply ice but cool under ice water or running stream of water. DO NOT attempt to remove the material from skin. Removal could result in severe tissue damage. Seek medical attention immediately.

INGESTION: If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Move person to fresh air; if effects occur, consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

(Continued on page 3)

Product AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
Product Code: 44018

Effective Date: 08/28/02 Date Printed: 11/25/03 MSD: 002101

FLASH POINT: Not applicable
METHOD USED: Not applicable
AUTOIGNITION TEMPERATURE: Not applicable

FLAMMABILITY LIMITS
LFL: Not applicable
UFL: Not applicable

HAZARDOUS COMBUSTION PRODUCTS: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: carbon monoxide, carbon dioxide.

OTHER FLAMMABILITY INFORMATION: Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate. Dense smoke is emitted when burned without sufficient oxygen.

EXTINGUISHING MEDIA: Water fog or fine spray, dry chemical fire extinguishers, carbon dioxide fire extinguishers and foam. General purpose synthetic foams (including AFFF type) or protein foams are preferred if available. Alcohol resistant foams (ATC type) may function.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory Information)

(Continued on page 4)

Product AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
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Effective Date: 08/28/02 Date Printed: 11/25/03 MSD: 002101

PROTECT PEOPLE: Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

PROTECT THE ENVIRONMENT: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

CLEANUP: Sweep up. Contain spilled material if possible. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations for additional information.

7. HANDLING AND STORAGE

HANDLING: Avoid breathing process fumes. Electrically ground all equipment. When appropriate, unique handling information for containers can be found on the product label.

STORAGE: Store in accordance with good manufacturing practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Use safety glasses. If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed. Use gloves with insulation for thermal protection, when needed.

RESPIRATORY PROTECTION: Use an approved air-purifying respirator when vapors are generated at increased temperatures or when dust or mist is present.

(Continued on page 5)

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EXPOSURE GUIDELINE(S): None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Translucent white, pellets or granules
ODOR: Odorless
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable
BOILING POINT: Not applicable
SOLUBILITY IN WATER/MISCIBILITY: Nil
SPECIFIC GRAVITY OR DENSITY: 0.84 - 0.97

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Exposure to elevated temperatures can cause product to decompose.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt temperatures, polymer fragments can be released. Fumes can be irritating. Decomposition products can include and are not limited to: carbon monoxide, carbon dioxide, aldehydes, alcohols, organic acids. Decomposition products can include trace amounts of hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION (See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1)

SKIN: The dermal LD50 has not been determined.

INGESTION: Single dose oral LD50 has not been determined.

MUTAGENICITY: No relevant information found.

12. ECOLOGICAL INFORMATION (For detailed Ecological data, write or call the address or non-emergency number shown in Section 1)

(Continued on page 6)

ENVIRONMENTAL FATE

MOVEMENT & PARTITIONING: No bioconcentration is expected because of the relatively high molecular weight (MW >1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material is expected to float.

DEGRADATION & PERSISTENCE: This water insoluble polymeric solid is expected to be inert in the environment. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

ECOTOXICITY: Not expected to be acutely toxic, but pellets may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

13. DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. THE DOW CHEMICAL COMPANY HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (Composition/Information On Ingredients).

FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device, and landfill.

For additional information, refer to Stability & Reactivity Information, MSDS Section 10.

As a service to its customers, Dow can provide names of information resources to help identify waste management companies and other facilities which recycle, reprocess or

(Continued on page 7)

Product: AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
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manage chemicals or plastics, and that manage used drums. Telephone Dow's Customer Information Center at 800-258-2436 or 989-832-1556 for further details.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.): This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION: This product is not regulated by TDG when shipped domestically by land.

15. REGULATORY INFORMATION (Not meant to be all-inclusive--selected regulations represented)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

U.S. REGULATIONS

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

(Continued on page 8)

Product: AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
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REGULATORY INFORMATION (CONTINUED)

Not to have met any hazard category

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of

New Jersey
Pennsylvania

OSHA HAZARD COMMUNICATION STANDARD:

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CANADIAN REGULATOINS

WHMIS INFORMATION: The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

This product is not a "Controlled Product" under WHMIS.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

All substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

16. OTHER INFORMATION

(Continued on page 9)
* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY

Product: AFFINITY* SM 1300 POLYOLEFIN PLASTOMER FOR INJECTION MOLDIN
Product Code: 44018

Effective Date: 08/28/02 Date Printed: 11/25/03 MSD: 002101

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

Health	0
Flammability	1
Reactivity	0

MSDS STATUS: Revised Section 6.